BACKGROUND:READY
COMMAND:setk,1,1,30
FOREGROUND:R=44/11.99p; W=0; Y=0/00.00p; X=0/00.00p;
COMMAND:save,1"Series 300"
Introducing ...
The Series 300
Designed for total compatibility, CRTerminals enable you to add input workstations economically as your needs grow. CRTerminals and CRTronics share standard front-end software including electronic reverse leading, electronic horizontal and vertical ruling, vertical justification, exception word dictionary, macro characters, and soft keys. You can set type as large as 186 point with up to 48 fonts on-line, all from the Mergenthaler type library, the best in the world. Price, Performance and Technology from Mergenthaler Linotype.
CRTerminal 300
Linotype

CRTerminal™

low-cost workstation

The CRTerminal is a microprocessor-based workstation that functions on-line to the CRTronic 200 and 300 desktop typesetters, the Linotronic 300 high quality typesetter, the Linotron 101/S wide measure typesetter or TypeView soft copy display terminal.

Complete with all the standard software capabilities of the CRTronic—hyphenation and justification, full interactive mode and horizontal, vertical and box ruling—the CRTerminal can operate as an independent front-end in all types of production environments.

Priced cost-effectively as a front-end workstation for the Linotron 101/S and Linotronic 300, the CRTerminal can also function as an additional workstation to the CRTronic. Either way, you'll have the expansion you need for the CRTronic and a flexible front-end for the Linotron 101/S and Linotronic 300. Two different functions, one low-cost!

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CRTerminal Specifications

INPUT

COMPOSITION

Typesetting Parameters
Merged with text, indicated by reverse video brackets.

Baseline Jump
By input command in 1/10 point increments from baseline to 72 point minus height of character.

Tabulation
32 columns with specification of font, point size, measure and justification.

Ruling
Electronic horizontal rule in weights from 1/10 point to 930 point, vertical rule in weights from 1/10 point to 540 point. CRTerminal 200/300 includes repeats, box ruling and boxes from border fonts.

Paging
Automatic paging with odd/even headings, footings and folio generation.

Vertical Justification (CRTerminal 200/300)
Automatic vertical spaceband adjustment to force copy to fit indicated depth.

Controlled Letterspacing (CRTerminal 200/300)
Automatic letterspacing to specified maximum.

DISPLAY

Screen Size
15 inches diagonal, tiltable.

Screen Capacity
18 lines, including 5 control lines and 13 text lines.

Display Format
Single column, 13 lines of 64 characters each.

Display Memory
123 lines, 7872 characters.

Character Set
256 characters and symbols, not user-programmable.

Character Size
Approximately 17 point on 9x13 dot matrix.

FILE MANAGEMENT

Disk Drive
Two drives, dual density disks.

Disk Capacity
(CRTerminal 100/150)
160,000 characters.
(CRTerminal 200)
320,000 characters.
(CRTerminal 300)
640,000 characters.

Directory Capacity
(CRTerminal 100/150)
296 direct accessible files of variable lengths.
(CRTerminal 200)
638 direct accessible files of variable lengths.
(CRTerminal 300)
1,000 direct accessible files of variable lengths.

File Name
Maximum length, 19 characters.

Access Methods
Direct via file numbers, file names. Continuous access forward through disk.

File Correction
Search, delete, insert, amend with automatic file management. Revised files may be placed over previous version.

File Directory
Called up on display with job number, status of text and job name corresponding to the sequence stored on floppy disk.

CONTROL

Cursor
Left, right, up, down, home, next line, next word, previous word, start of next paragraph, foreground and background.

Scrolling
Forward and backward through display memory.

JUSTIFICATION

Foreground
Manual, semi-automatic, automatic.

Background
Automatic.

Hyphenation Logic
(CRTerminal 100/150)
One language logic loads automatically with program.
(CRTerminal 200/300)
Up to two language logics load automatically with program. Allows discretionary hyphenation.

Interactive
Foreground hyphenation and justification with forward and backward character count, depth count, line endings and word space value. Also displays line length remainder in the form of an analog light bar. In addition, typeface, leading, point size, measure or indentation as well as the current tab column is displayable.

Exception Word Dictionary
Dictionaries are stored on disk. Total available memory is 4,000 characters per dictionary.
(CRTerminal 100/150)
One dictionary loads automatically with program.
(CRTerminal 200/300)
Up to two dictionaries load automatically with program.

EDITING

Foreground Search
Automatic search within display memory for a string of up to 20 characters.

Background Search
Automatic search through file, group of files or entire disk for a string of up to 20 characters.

Search and Replace
Automatic search through file, group of files or entire disk; up to a 20 character search/20 character replace string.

Modes
Insert or overwrite.

Delete
Single keystroke deletes character, word, sentence, block or all from the cursor position.

Block Definition
Any defined text can be moved, copied, saved or deleted.

MEMORY ENHANCEMENT

Soft Keys
14 programmable keys with three shift levels, a total of 42 memory locations, for temporary or permanent information storage.

User-Defined Formats
97 memory locations for user-defined strings of repetitive coding, copy or combination of both. Allows format merging.

Macro Characters
User-defined keyboard characters for strings of repetitive coding, copy or combination of both. Macro access allows merging.

Memory
Soft keys have a 2,000 character buffer. Macro characters and user-defined formats share a 6,000 character buffer.

OPTIONS

Linotype Communications Interface (LCI)

Advanced Typographer's Program (ATP)

Local Serial Interface (LSI)

Data Communications Processor (DCP)

FONTS

Font Master Capacity
A maximum of 8 different fonts are stored on one dual density mini-floppy disk.

Number of Characters
Each type font is supplied with 121 characters.

Width Value Storage
Width values may be stored on the CRTerminal System Program.

OUTPUT

CRTerminal 100/150
Jobs are transferred to the CRTronic.

CRTerminal 200/300
Jobs are sent on-line to the output queue for selected output device.

OPTIONS

Line Printer

TypeView 300

Linotron 101/S

Linotronic 300

PHYSICAL

Width
24 inches.

Depth
32.5 inches

Height
17 inches

Weight
121 lbs.

Electrical
115v, 10A, 60Hz single phase.

Environmental
65° to 75° F.
Humidity factor of 50% ± 10%.

BTUs Per Hour
1883.

REGIONAL OFFICES:

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Oakbrook Technology Center
5555 Oakbrook Parkway
Suite 115
Norcross, Georgia 30093
(404) 441-1743

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560 Lively Boulevard
Elk Grove Village, Illinois 60007
(312) 439-9800

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Typeset on the CRTronic using Mergenthaler's Helvetica typefaces.

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